

Dragon Huynh

Computer Engineering Student

University of Guelph

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Professional Summary

First-year Computer Engineering student at the University of Guelph with leadership experience in robotics, engineering design, STEM competitions, and technical project development. Proficient in CAD, software development, PCB design, and collaborative engineering workflows, with hands-on experience in robotics, electric vehicle development, STEM Racing, and web technologies. Seeking opportunities to apply technical and problem-solving skills in engineering, software, and hardware-focused environments.

Technical Skills

Programming Languages

- Python, JavaScript, Java, C, C#, C++, HTML

CAD & Design Software

- SolidWorks, Fusion 360, AutoCAD, Revit, Blender, Onshape

Electronics & Hardware

- KiCad, PCB Design, Hardware Prototyping

Engineering & Professional Skills

- Mechanical Design, Design for Manufacturing (DFM), Product Development
- Leadership, Team Coordination, Project Management, Communication

Education

University of Guelph

Sept. 2026 – Present

Bachelor of Engineering (B.Eng.), Computer Engineering

Expected Graduation: 2031

Westmount Secondary School

2022 – 2026

Ontario Secondary School Diploma (OSSD)

Specialist High Skills Major (SHSM) – Information Communication Technology

Experience

Mavericks – Designer

2023–2025

- Assisted in the design and manufacturing of components for the MAV 23B competing in the University of Waterloo EV Challenge.
- Lead designer for the MAV 25 vehicle scheduled for future competition.
- Created CAD models and manufacturing-ready components while collaborating with multidisciplinary engineering teams.

- Contributed to design reviews, prototyping, and vehicle development processes.

Westmount Orions – Head Engineer/Designer & Co-Founder

2024–2026

- Co-founded and helped grow a student robotics team focused on engineering, designing and competing around robotics.
- Coordinated members into specialized roles and provided CAD and design training.
- Managed design workflows and oversaw major engineering decisions for competition robots.
- Assisted with club operations, outreach initiatives, and project planning.

Nitro Knights – Head Designer

2024–2026

- Led all design-related activities for the STEM Racing competition vehicle.
- Coordinated with manufacturing, marketing, and engineering teams to optimize vehicle performance.
- Oversaw CAD development, design validation, and production readiness.
- Represented the design division during planning and technical review meetings.

U+ Education – Web Developer Assistant

Summer 2025

- Assisted in managing website operations and maintaining online resources.
- Coordinated with team members to ensure efficient workflow and project execution.
- Supported the implementation of new processes and technologies to improve operational efficiency.
- Contributed to technical and administrative tasks supporting digital learning initiatives.

Honours & Recognition

- Canada National Leadership Conference (2026) — Runner-Up
- STEM Racing National Finals (2025, 2026) — Qualified for and competed at the North American Inter-continental Finals for Canada
- Ontario Skills Competition (2025) — 2nd Place, HWDSB Mechanical CAD Competition
- Hammer Hack Hackathon — Podium Finish among 150+ Participants
- Hack Club — Contributed to a game project showcased internationally in Shanghai, China
- Up4 The Challenge AI & STEM Discovery — Developed an AI-focused project examining the economic and social impacts of artificial intelligence